

**Amendments to the Drawings**

The attached sheet of drawings includes changes to Figure 11. This sheet replaces the replacement sheet submitted December 28, 2001 that includes Figure 11. Typographical errors for residues in SEQ ID NO:1 have been corrected to properly show residue 164 as "L" and residue 204 as "L." The amendment is supported, for example, by the residues in SEQ ID NO:1 in Figure 15, and the residues listed in Table 1. A marked-up copy of Figure 11, labeled "Annotated Sheet Showing Changes," is also included for the Examiner's convenience.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes



SEQ ID NO:2	TrxB_ecoli	1	-GTTKHSKELIICSGPAGYTAAYVAA <del>RRANLQPV</del> ITGMEKGGQ <del>TTTTEV</del>	50
SEQ ID NO:1	TrxB_sa	(1)	MGTEIDFD <del>RAITGAGPAGMTAAVYAS</del> RRANLKTVMIERGIPGGQ <del>MANTEE</del> V	
		51	ENWPGDPND <del>ETGPLLMEHHEHATKFETE</del> IR <del>HDHINKV</del> DLQNRPF <del>RENGD</del>	100
	TrxB_ecoli	(50)	ENWPGDPND <del>ETGPLLMEHHEHATKFETE</del> IR <del>HDHINKV</del> DLQNRPF <del>RENGD</del>	
	TrxB_sa	(51)	ENWPGDPND <del>ETGPLLMEHHEHATKFETE</del> IR <del>HDHINKV</del> DLQNRPF <del>RENGD</del>	
		101	NGEYTCDA <del>RIIATGASARYTGP</del> SEEA <del>FKGRGV</del> SACATCDGFF <del>FYRNQKVA</del>	150
	TrxB_ecoli	(100)	NGEYTCDA <del>RIIATGASARYTGP</del> SEEA <del>FKGRGV</del> SACATCDGFF <del>FYRNQKVA</del>	
	TrxB_sa	(100)	NGEYTCDA <del>RIIATGASARYTGP</del> SEEA <del>FKGRGV</del> SACATCDGFF <del>FYRNQKVA</del>	
		151	VIGGGNTA <del>VEEALVLSN</del> IASEV <del>HTHRRD</del> GFRAEKILIKRLMDK <del>VENGNI</del>	200
	TrxB_ecoli	(150)	VIGGGNTA <del>VEEALVLSN</del> IASEV <del>HTHRRD</del> GFRAEKILIKRLMDK <del>VENGNI</del>	
	TrxB_sa	(150)	VIGGGNTA <del>VEEALVLSN</del> IASEV <del>HTHRRD</del> GFRAEKILIKRLMDK <del>VENGNI</del>	
		201	ILHTNRTTE <del>ENTGDMGV</del> TGVRLRDTQNSDNIESL <del>EVAGF</del> VAIGHSPNT	250
	TrxB_ecoli	(200)	ILHTNRTTE <del>ENTGDMGV</del> TGVRLRDTQNSDNIESL <del>EVAGF</del> VAIGHSPNT	
	TrxB_sa	(197)	DFIWSHTL <del>KSN</del> NEKDGK <del>VGS</del> VTLTST-KDGSE <del>E</del> HEADC <del>MFY</del> IGMKPLT	
		251	AIFEGQ- <del>DEL</del> ENG <del>YIKVQ</del> SGIHGNATQTS <del>TPG</del> FAAGDVMDHIY <del>ROA</del> TS <del>A</del>	300
	TrxB_ecoli	(250)	AIFEGQ- <del>DEL</del> ENG <del>YIKVQ</del> SGIHGNATQTS <del>TPG</del> FAAGDVMDHIY <del>ROA</del> TS <del>A</del>	
	TrxB_sa	(246)	APFKDLG <del>ATND</del> VGYIVTK--DD---MTTSV <del>PG</del> FAAGDV <del>RD</del> KGLRQ <del>INTAT</del>	
		301	GTGCMALDA <del>ERYD</del> GLADAK-----	329
	TrxB_ecoli	(300)	GTGCMALDA <del>ERYD</del> GLADAK-----	
	TrxB_sa	(292)	GDGS <del>AAQ</del> SAAEY <del>EH</del> LN <del>DQ</del> ARSHHHHHH	

Fig. 11